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**SUPPLEMENTARY  
EUROPEAN SEARCH REPORT**

Application Number  
**EP 05 71 9530**

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
R1 A	US 2003/230649 A1 (NAGAOKA TAKAHIRO [JP] ET AL) 18 December 2003 (2003-12-18) * page 2, paragraph 18; figure 2 *	1-3	INV. F02M51/06
R2 A	US 5 232 166 A (REITER FERDINAND [DE]) 3 August 1993 (1993-08-03) * column 2, lines 39-61; figure 1 *	1-3	
R3 A	JP 2002 004013 A (KEIHIN CORP) 9 January 2002 (2002-01-09) * abstract *	1-3	
			TECHNICAL FIELDS SEARCHED (IPC)
			F02M
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search <b>Munich</b>		Date of completion of the search <b>5 March 2007</b>	Examiner <b>Etschmann, Georg</b>
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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05-03-2007

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003230649 A1	18-12-2003	JP 2003206820 A	25-07-2003
US 5232166 A	03-08-1993	DE 4113682 A1	29-10-1992
		JP 3148346 B2	19-03-2001
		JP 5141323 A	08-06-1993
JP 2002004013 A	09-01-2002	NONE	